

Signal officers, FA 24s and FA 53s are eligible to attend more training to prepare them for jobs requiring knowledge of specific systems or disciplines. Courses available are:

- Local-area networks: concepts and configuration - two weeks' basic knowledge of network terminology, devices and configurations.

- Introduction to routers - one week of training on the fundamental concepts of routers and routing, including communication protocols and interfaces to WANs; configuring routers; and connecting LANs and WANs with routers.

- Introduction to webpage design - four days of webpage design and administration basics.

- Network manager (Internet protocol networks) - one week of training designed to train soldiers in the fundamental concepts of managing a network consisting of LANs and interfaces to WANs.

- System administration Solaris - one week of training on the knowledge and skills required to perform the duties of a systems administrator within a tactical Internet working environment.

- Systems administration NT - one week of training on the "core" knowledge for supporting Microsoft Windows NT operating system version 4.0.

Signal officers are also eligible to attend a variety of information-technology subcourses when assigned to positions that require more specialized training.

Civilian education and Training with Industry

Not only are Signal officers provided many opportunities to serve in highly visible positions, they are also offered opportunities to attend fully funded graduate school and to train with civilian industry to enhance their skills in information systems operations.

Advanced civilian schooling

Opportunities for selection to the Army's fully funded graduate-level educational program are available to officers interested in pursuing advanced degrees. Graduate degrees are

normally offered in areas that fill Army needs as well as support an officer's professional-development requirements.

Graduate degrees that support the Signal Regiment include information-systems management; telecommunications management; information-technology management; joint command, control and communications; computer science; electrical engineering; computer-systems engineering; and software engineering. A limited number of advanced degrees are offered in other disciplines based on Army requirements.

The Army's cooperative degree program enables selected officers to complete degree requirements concurrent with and following attendance at certain military courses. After completing a military course that qualifies for graduate credit, participating officers are granted up to six months of permissive temporary duty to complete degree requirements as a full-time student.

Officers who pursue advanced degrees on their own may apply for the Army's degree completion program, which allows up to 12 months to complete the degree at no cost to the

The Signal experience

CPT Jennifer Salinas
Reserve Officers' Training Corps
University of Guam
Bachelor of arts in psychology

Communications-electronics systems engineer
U.S. Army Signal Command
Fort Huachuca, Ariz.



"I was a member of the 51st class (Class 98-99) to graduate from the Training with Industry program at Boeing's Information Space and Defense Systems, Seattle, Wash. TWI is one of the best and most diverse Army education programs available. This is a unique opportunity for officers and civilians to work with an industry leader like Boeing in the effort to improve understanding and communications.

"Each student departs the program enroute to a job that will use his or her newly gained knowledge and experience. But while in TWI, one key to success and an enjoyable time in the program is involvement. You are part of the firm and your ideas, assistance and contributions are important. The reward for your efforts will be the knowledge and experience you gain through working with a highly competitive company. TWI gave me the opportunity to expand my knowledge and experience in data and networking technologies. I took more than 40 hands-on technical classes on data and network concepts, methodologies and technical specifications. Boeing paid for all the educational costs, plus any travel done for Boeing business purposes.

"TWI's main purpose is for the student to gain practical knowledge and experience about industrial procedures, processes and practices unavailable through formal civilian or military courses. During your TWI assignment, you could be involved in many different jobs/projects, depending on factors such as depth of the job, your experience level and an understanding between you, your mentor and your job sponsor.

"The Army can further assist you to enhance and broaden career opportunities for training credit and possible technical certifications with distance learning and computer-based training. Opportunity is out there. Now that you know where to look, don't wait for opportunity to knock on your door! Talk with your Signal representative/professor of military science."